

FIG. 1

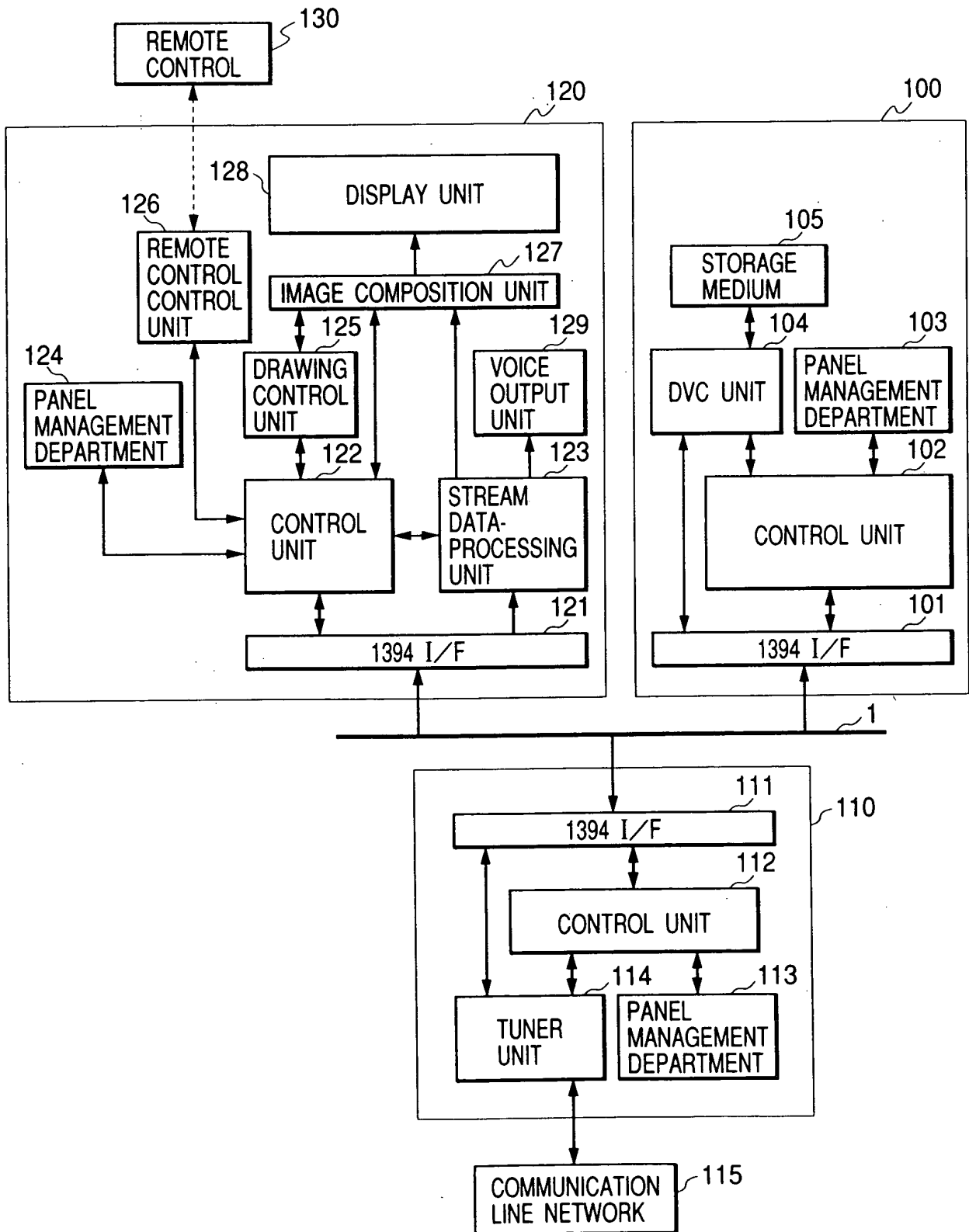


FIG. 2

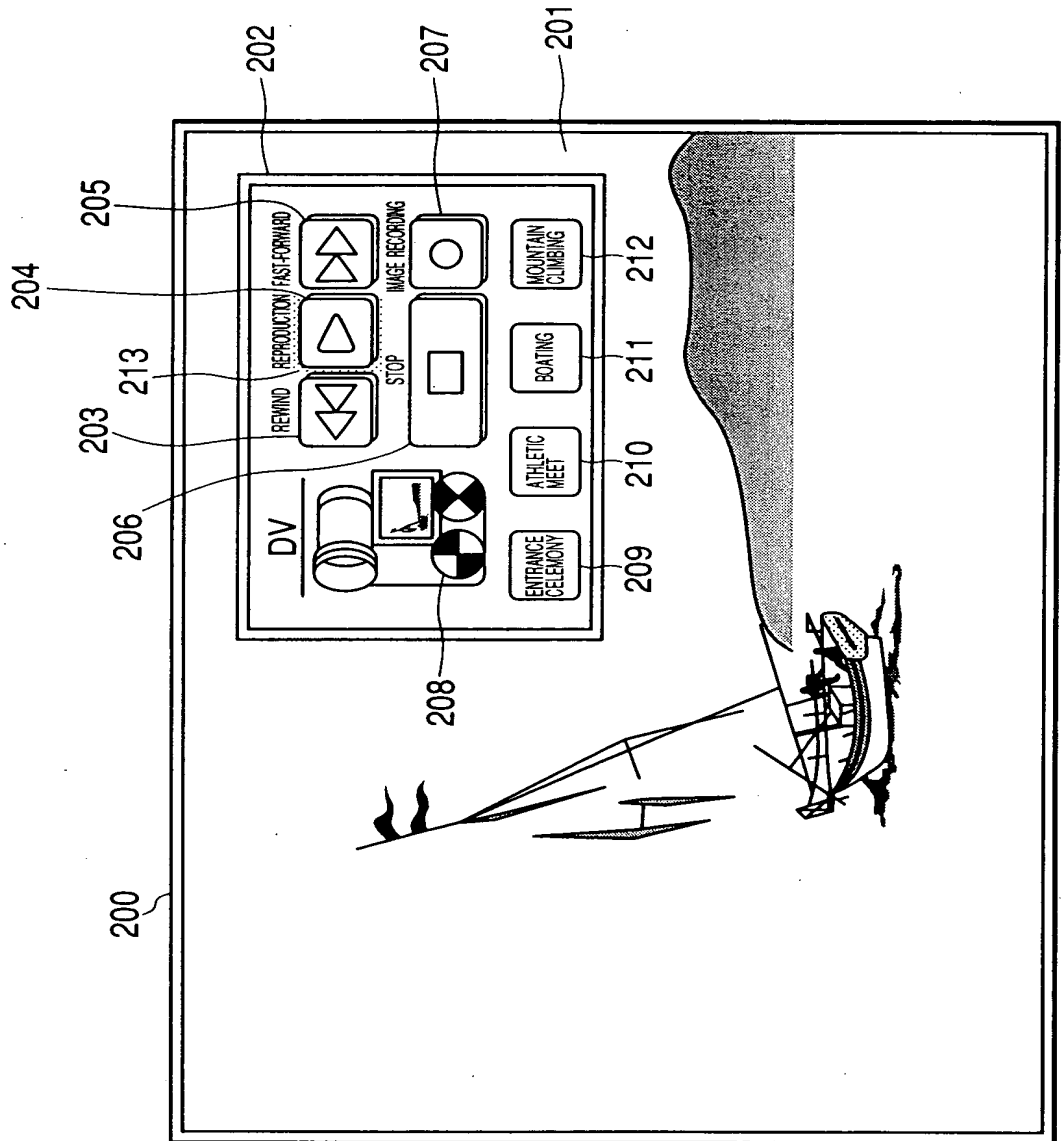


FIG. 3

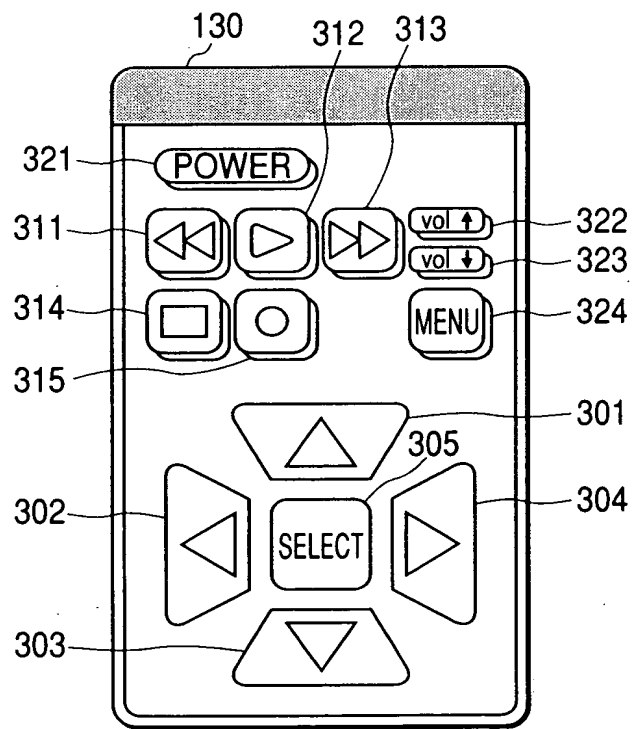


FIG. 4

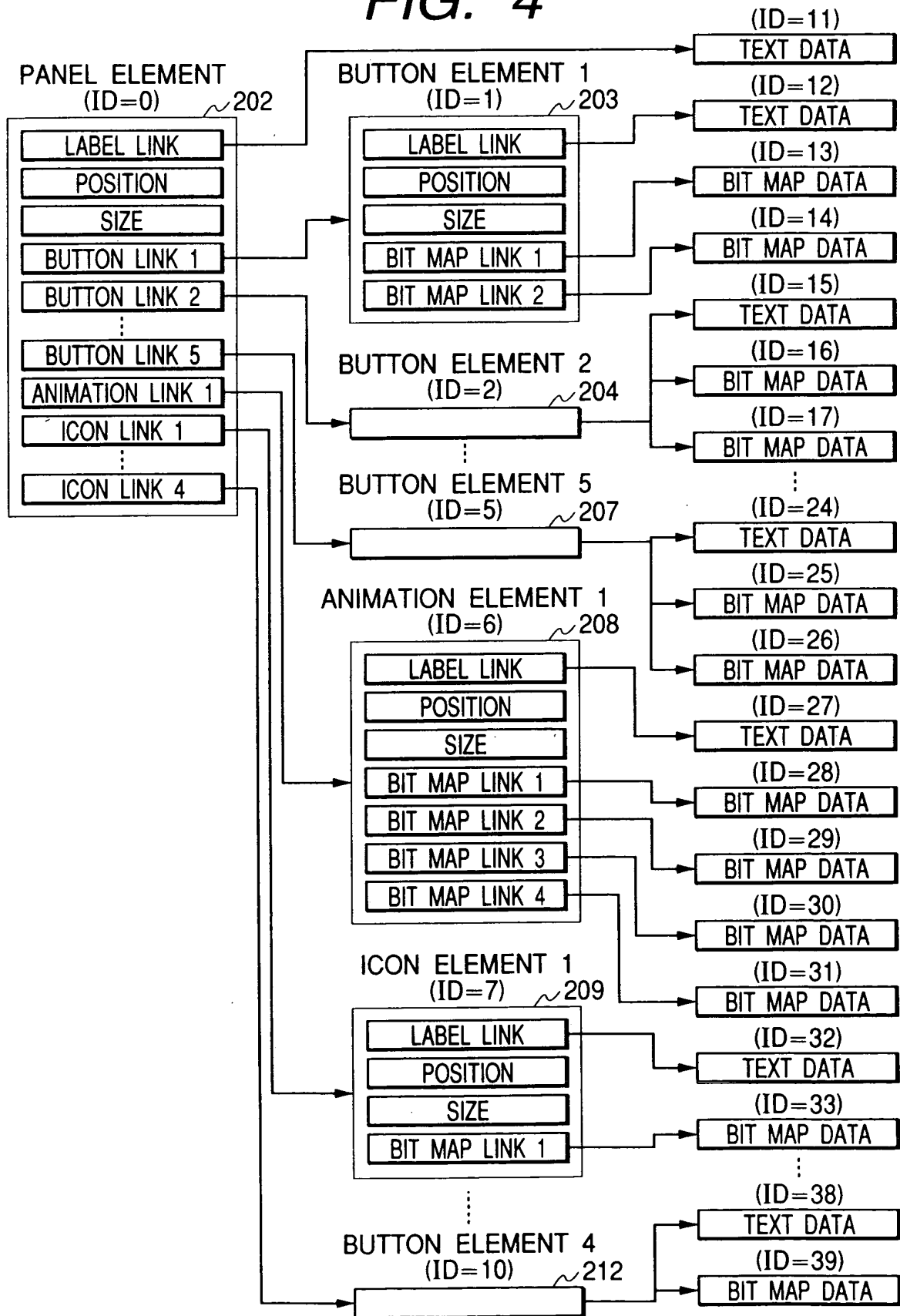


FIG. 5

ADDRESS OFFSET	VALUE	CONTENTS	
00h	80h	ELEMENT TYPE (PANEL)	
01h	00h		
02h	00h		
03h	00h		
04h	00h	ELEMENT ID (ID=0)	
05h	00h		
06h	00h		
07h	52h		
08h	80h		
09h	0Ah		
0Ah	00h		
0Bh	05h		
0Ch	01h	DATA LENGTH	DATA TYPE (TEXT)
0Dh	00h		
0Eh	04h		
0Fh	00h		
10h	04h		
11h	00h		
12h	01h		
13h	68h		
14h	00h	POSITION	THE NUMBER OF POSITION DESIGNATIONS
15h	78h		
16h	80h		
17h	04h		
18h	00h	SIZE	X-COORDINATE 0
19h	01h		
1Ah	80h		
2Bh	04h		
2Ch	00h	Y-COORDINATE 0	SYSTEM-OF-COORDINATES DESIGNATION 0
2Dh	02h		
26h	80h	WIDTH	HEIGHT
27h	04h		
28h	00h		
29h	05h		
2Ah	80h	ELEMENT TYPE (BUTTON)	ELEMENT ID (ID=1)
2Bh	04h		
2Ch	00h		
2Dh	02h		
		ELEMENT TYPE (BUTTON)	ELEMENT ID (ID=2)
26h	80h	ELEMENT TYPE (BUTTON)	ELEMENT ID (ID=5)
27h	04h		
28h	00h		
29h	05h		
2Ah	80h	ELEMENT TYPE (ANIMATION)	ELEMENT ID (ID=6)
2Bh	0Ah		
2Ch	00h		
2Dh	06h		
2Eh	80h	ELEMENT TYPE (ICON)	ELEMENT ID (ID=7)
2Fh	0Ch		
30h	00h		
31h	07h		
		ELEMENT TYPE (ICON)	ELEMENT ID (ID=10)
3Ah	80h	ELEMENT TYPE (ICON)	ELEMENT ID (ID=10)
3Bh	0Ch		
3Ch	00h		
3Dh	0Ah		

FIG. 6

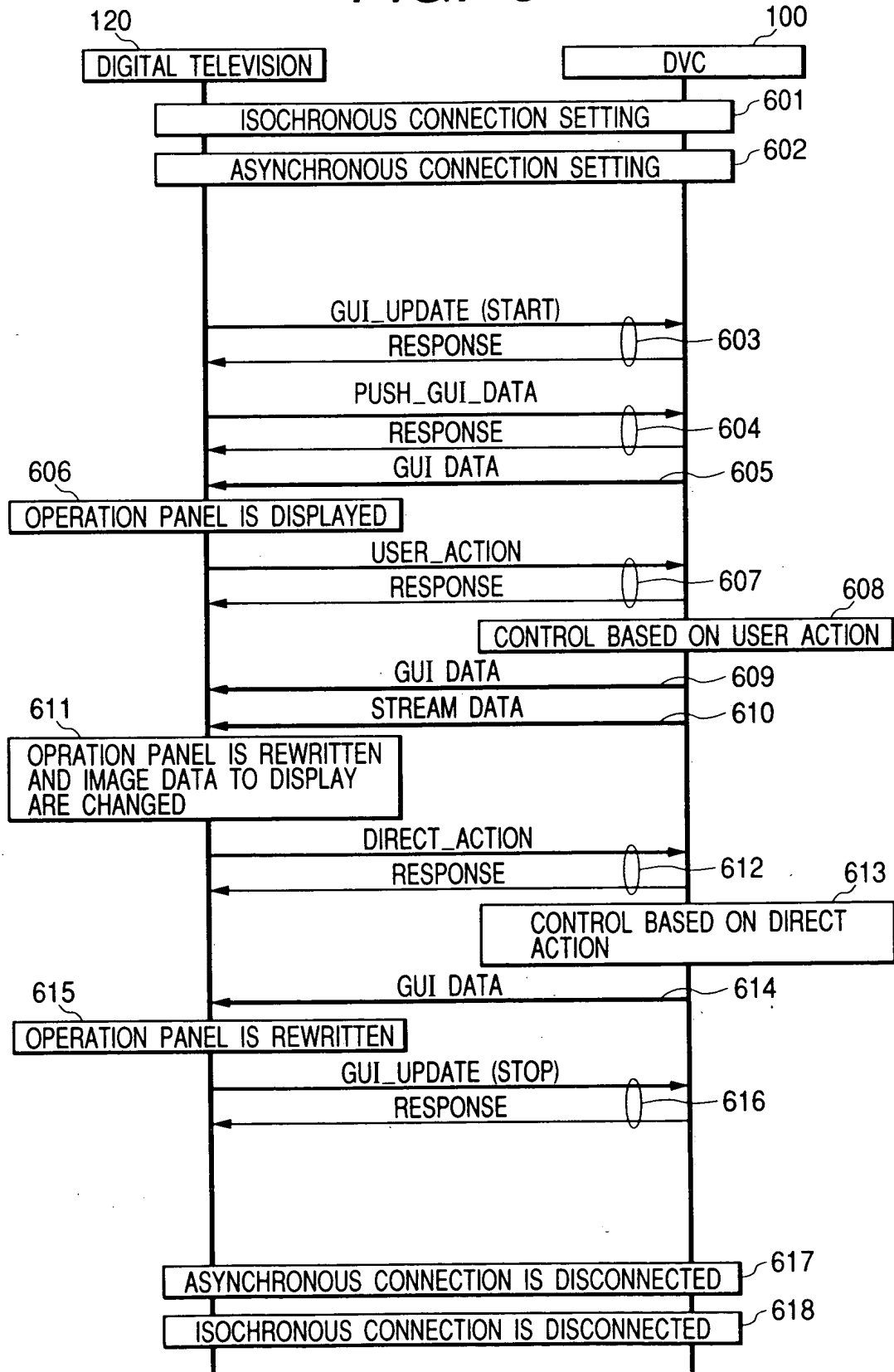


FIG. 7A

UNIT SPEC					
CTS	CTYPE	SUBUNIT_TYPE	SUBUNIT ID	OPCODE	OPERAND (0)
OPERAND (1)		OPERAND (2)		OPERAND (3)	OPERAND (4)

OPERAND (n)		"0" PADDING (IF NECESSARY)			

FIG. 7B

CTS	RESPONSE	SUBUNIT_TYPE	SUBUNIT ID	OPCODE	OPERAND (0)
OPERAND (1)		OPERAND (2)		OPERAND (3)	OPERAND (4)

OPERAND (n)		"0" PADDING (IF NECESSARY)			

FIG. 8A

OPCODE	GUI UPDATE
OPERAND [0]	SOURCE_PLUG
OPERAND [1]	:
OPERAND [2]	:
OPERAND [3]	SUB FUNCTION
OPERAND [4]	:

FIG. 8B

SUB FUNCTION VALUE	SUB FUNCTION
00h	OPEN
01h	CLOSE
02h	RESTORE
03h	START
04h	STOP
06h	CHANGE
OTHERS	(RESERVED)

FIG. 9A

OPCODE	PUSH GUI DATA
OPERAND [0]	SOURCE_PLUG
OPERAND [1]	:
OPERAND [2]	:
OPERAND [3]	:
OPERAND [4]	:
OPERAND [5]	INDICATOR
OPERAND [6]	ELEMENT_ID
OPERAND [7]	
OPERAND [8]	
OPERAND [9]	

FIG. 9B

OPERAND [5]	(RESERVED)	LEVEL	WITH DATA
msb			lsb

FIG. 9C

LEVEL	RANGE
00	ITSELF
01	ITSELF AND NEXT LEVEL
10	ALL LEVEL
11	(RESERVED)

FIG. 10

OPCODE	USER ACTION
OPERAND [0]	SOURCE_PLUG
OPERAND [1]	:
OPERAND [2]	:
OPERAND [3]	ELEMENT_ID
OPERAND [4]	
OPERAND [5]	
OPERAND [6]	
OPERAND [7]	ACTION_TYPE
OPERAND [8]	DATA
:	
:	

FIG. 11

OPCODE	DIRECT_ACTION
OPERAND [0]	ACTION_CODE
OPERAND [1]	ACTION_TYPE
OPERAND [2]	ACTION_DATA_LENGTH
OPERAND [3]	ACTION_SPECIFIED_DATA
OPERAND [4]	:
OPERAND [5]	:
:	:

FIG. 12

ACTION CODE	USER OPERATION
00h	ENTER
01h	UP
02h	DOWN
03h	LEFT
04h	RIGHT
05h	MENU
06h	EPG
07h	CANCEL
:	:
20h	POWER
21h	VOLUME UP
22h	VOLUME DOWN
23h	MUTE
24h	PLAY
25h	STOP
26h	PAUSE
27h	RECORD
28h	REWIND
29h	FAST FORWARD
2Ah	EJECT
2Bh	FORWARD
2Ch	BACKWARD
:	:
:	:
FEh	VENDER UNIQUE
FFh	(RESERVED)

FIG. 13

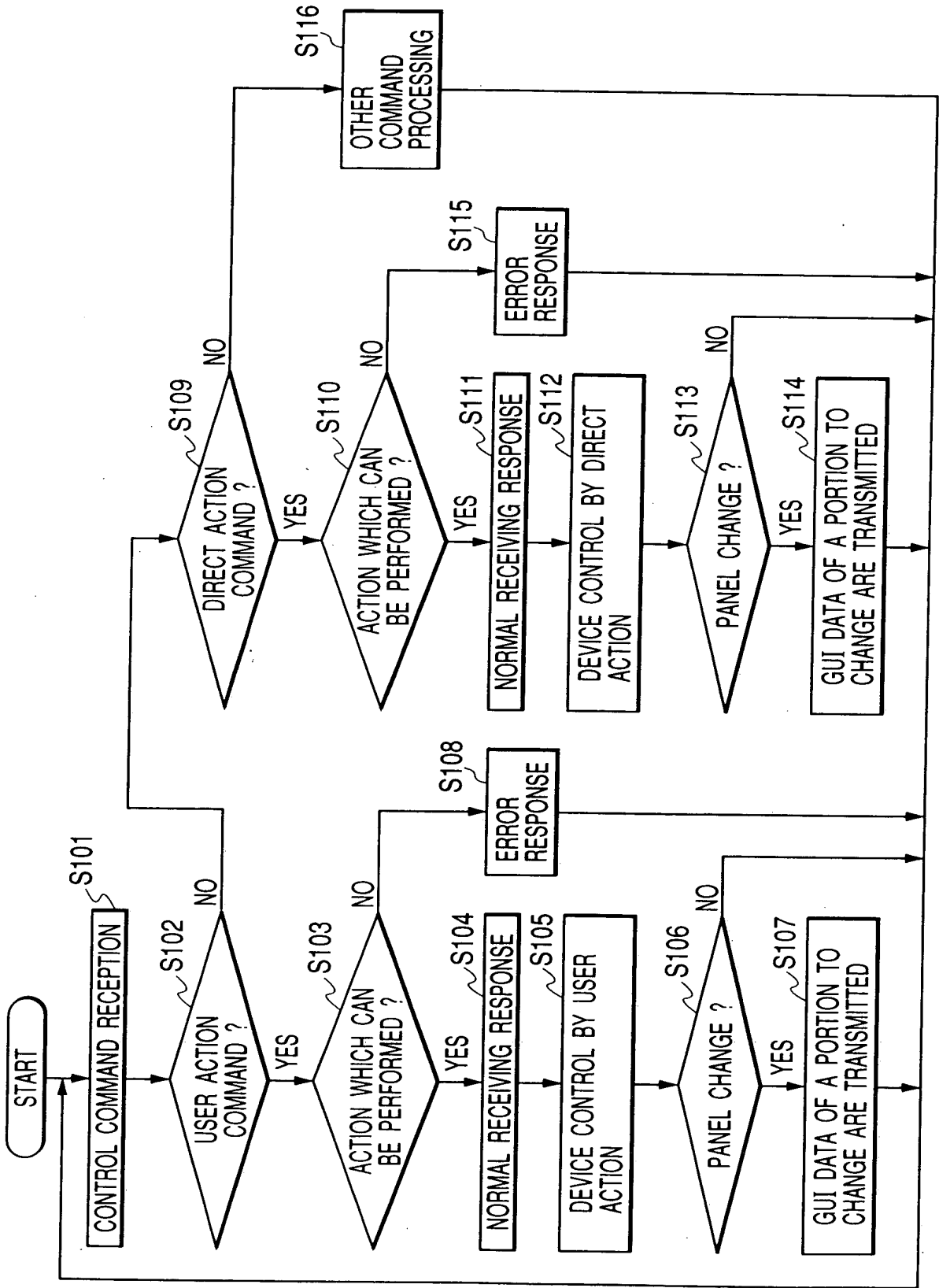


FIG. 14

